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PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

33

Application Number

10/750,294-Conf. #9179

Filing Date

December 30, 2003

First Named Inventor

John L. Vian

Art Unit

2856

Examiner Name

S. M. Shah

Attorney Docket Number

BA1-03-0687 (03-0687)

### ENCLOSURES (Check all that apply)

☒ Fee Transmittal Form

☐ Fee Attached

☒ Amendment/Reply

☐ After Final

☐ Affidavits/declaration(s)

☒ Extension of Time Request

☐ Express Abandonment Request

☒ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Reply to Missing Parts/  
Incomplete Application

☐ Reply to Missing Parts under  
37 CFR 1.52 or 1.53

☒ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a  
Provisional Application

☐ Power of Attorney, Revocation  
Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) \_\_\_\_\_

☐ Landscape Table on CD

☐ After Allowance Communication  
to TC

☐ Appeal Communication to Board of  
Appeals and Interferences

☐ Appeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s) (please  
Identify below):

Amendment Transmittal  
Information Citation by Applicant  
Three References  
Credit Card Payment Form  
Return Receipt Postcard

Remarks

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

ROBERT R. RICHARDSON, P.S.

Signature

*Robert R. Richardson*

Printed name

Robert R. Richardson

Date

October 1, 2007

Reg. No.

40,143

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 10/1/07

Signature: *Robert R. Richardson* (Robert R. Richardson)

**AMENDMENT TRANSMITTAL LETTER**Docket No.  
BA1-03-0687 (03-0687)Application No.  
10/750,294-Conf. #9179Filing Date  
December 30, 2003Examiner  
S. M. ShahArt Unit  
2856

Applicant(s): John L. Vian et al.

Invention: METHODS AND SYSTEMS FOR ANALYZING ENGINE UNBALANCE CONDITIONS

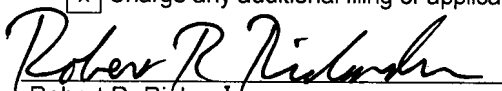
**TO THE COMMISSIONER FOR PATENTS**

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	30	- 32 =		x'	
Independent Claims	3	- 3 =		x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify): Extension for response within second month; Submission of an Information Disclosure Statement					630.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					<b>630.00</b>

- ☒ Large Entity ☐ Small Entity
- ☐ No additional fee is required for this amendment.
- ☐ Please charge Deposit Account No. 503048 in the amount of \$ \_\_\_\_\_  
A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 503048  
as described below. A duplicate copy of this sheet is enclosed.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

  
Robert R. Richardson  
Attorney/Agent Reg. No.: 40,143

Dated: October 1, 2007

ROBERT R. RICHARDSON, P.S.  
P.O. Box 2677  
Silverdale, Washington 98383-2677  
(360) 692-0626

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: 10/1/07Signature: 

(Robert R. Richardson)



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<b>Effective on 12/08/2004.</b> Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL</b> <b>For FY 2006</b>		<b>Complete if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/750,294-Conf. #9179
<b>TOTAL AMOUNT OF PAYMENT</b>		Filing Date	December 30, 2003
(\$)		First Named Inventor	John L. Vian
630.00		Examiner Name	S. M. Shah
		Art Unit	2856
		Attorney Docket No.	BA1-03-0687 (03-0687)

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☐ Deposit Account Deposit Account Number: 503048 Deposit Account Name: Robert R. Richardson, P.S.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

**Total Claims** 30 - 32 =          x          =          **Fee Paid (\$)**

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims** 3 - 3 =          x          =          **Fee Paid (\$)**

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
<u>        </u>	<u>        </u>	<u>        </u> / 50 (round up to a whole number) x <u>        </u>	<u>        </u>	<u>        </u>

**4. OTHER FEE(S)**

	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	
Other (e.g., late filing surcharge): 1252 Extension for response within second month	450.00
1806 Submission of an Information Disclosure Statement	180.00

<b>SUBMITTED BY</b>			
Signature	<u>Robert R. Richardson</u>	Registration No. (Attorney/Agent)	40,143
Name (Print/Type)	Robert R. Richardson	Telephone	(360) 692-0626
		Date	October 1, 2007

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Date: 10/1/07 Signature: Robert R. Richardson (Robert R. Richardson)